

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/010380

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A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ C23C14/34, C22C5/06		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) Int.Cl ⁷ C23C14/34, C22C5/06		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2004 Kokai Jitsuyo Shinan Koho 1971-2004 Toroku Jitsuyo Shinan Koho 1994-2004		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 2003-113433 A (Hitachi Metals, Ltd.), 18 April, 2003 (18.04.03), Claims; Par. No. [0023] (Family: none)	1-6, 8 7
X Y	JP 2003-89830 A (Hitachi Metals, Ltd.), 28 March, 2003 (28.03.03), Claims; Par. No. [0021] (Family: none)	1-6, 8 7
X Y	JP 2003-34828 A (Kobe Steel, Ltd.), 07 February, 2003 (07.02.03), Claims; Par. No. [0043] (Family: none)	1-6, 8 7
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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Date of the actual completion of the international search 19 October, 2004 (19.10.04)		Date of mailing of the international search report 09 November, 2004 (09.11.04)
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2001-76955 A (Nikko Materials Co., Ltd.), 23 March, 2001 (23.03.01), Claims; Par. Nos. [0008] to [0010] (Family: none)	7
Y	WO 2001/012358 A1 (Sumitomo Titanium Corp.), 22 February, 2001 (22.02.01), Claims (Family: none)	7
Y	JP 6-264232 A (Nippon Mining & Metals Co., Ltd.), 20 September, 1994 (20.09.94), Claims (Family: none)	7
P,A	JP 2004-43868 A (Hitachi Metals, Ltd.), 12 February, 2004 (12.02.04), Full text (Family: none)	1-8
P,A	JP 2004-84065 A (Kobelco Research Institute, Inc.), 18 March, 2004 (18.03.04), Full text & WO 2004/001093 A1	1-8